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ABSTRACT

The Quest program offers a comprehensive test and questionnaire analysis environment by providing a data analyst (a computer program) with access to the most recent developments in Rasch measurement theory, as well as a range of traditional analysis procedures. This manual helps the user use Quest to construct and validate variables based on dichotomous and polytomous observations. Quest includes an easy-to-use control language with flexible and informative output. It can score and analyze such instruments as multiple-choice tests, Likert-type rating scales, short answer items, and partial credit items. The Rasch analysis provides item estimates, case estimates, and fit statistics, results of which can be accessed through a variety of tables and maps. Additional analyses report counts, percentages, and point-biserials for each possible response to each item. A variety of reliability indices is also available. Quest can run in batch mode, interactive mode, or a combination. Special features are described, and a licensing agreement is included for those who intend to use the software. Sixteen figures illustrate program use. (Contains 12 references.) (SLD)

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